

## Two sufficient conditions for the univalence of analytic functions

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### Abstract

In this article we obtain sufficient conditions for the univalence of  $n$ -symmetric analytic functions in the region  $|\zeta| > -1$  and in the disk  $|\zeta| < -1$ . We examine the question of univalent variation of functions analytic in  $|\zeta| < -1$  and mapping  $|\zeta| = 1$  onto a contour with two zero angles. We give an application of these results to the fundamental converse boundary-value problems. © 1976 Plenum Publishing Corporation.

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